

(12) UK Patent Application (19) GB (11) 2 187 191 (13) A

(43) Date of printing by UK Office 3 Sep 1987

(21) Application No 8704890

(22) Date of filing 9 Jul 1986

(30) Priority data

(31) 8517352 (32) 9 Jul 1985 (33) GB
8613066 29 May 1986

(86) International application data
PCT/GB86/00396 En 9 Jul 1986

(87) International publication data
WO87/00196 En 15 Jan 1987

(71) Applicant
Quadrant Bioresources Limited
(Incorporated in United Kingdom),

Manor Farm, Soulbury, Near Leighton Buzzard,
Bedfordshire

(72) Inventor
Bruce Joseph Roser

(51) INT CL⁴ (as given by ISA)

C12N 9/96 A61K 39/00 G01N 33/52 33/531 33/543

(52) Domestic classification (Edition I)

C3H 513 529 HX1 HX2
U1S 1337 C3H

(56) Documents cited by ISA

GB A 2126588 EP A 0111216

GB A 2016687 FR A 2532178

GB A 2009198 FR A 2406999

EP A 0140489 US 1855591

Patents Abstracts of Japan, volume 9, no. 323 JPA
60149972

(58) Field of search by ISA

IPC⁴ G01N; C12N; C12Q; A61K

(74) Agent and/or Address for Service

Marks & Clerk, 57—60 Lincoln's Inn Fields, London
WC2A 3LS

(54) Protection of proteins and the like

(57) Sensitive proteins and other macromolecules, such as enzymes, antibodies, antigens, serum complement, fluorescent proteins, vaccine components, polysaccharides such as agarose etc., can be preserved by drying at ambient temperature and at atmospheric pressure in the presence of trehalose. A porous matrix impregnated with trehalose is provided as a receiver for a blood or other liquid sample to be dried.

GB 2 187 191 A